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**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**  
**(Under 37 CFR 1.97(b) or 1.97(e))**

*2856*

Docket No.  
TIL0004

In Re Application Of: **Hans-Ulrich Krotil et al.**

Serial No.  
09/869,789

Filing Date  
July 23, 2002

Examiner  
Thomas Noland

Group Art Unit  
2856

Title: **METHOD AND DEVICE FOR SIMULTANEOUSLY DETERMINING THE ADHESION, FRICTION, AND OTHER MATERIAL PROPERTIES OF A SAMPLE SURFACE**



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**37 CFR 1.97(b)**

1.  The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

**37 CFR 1.97(c)**

2.  The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:

the statement specified in 37 CFR 1.97(e);

**OR**

the fee set forth in 37 CFR 1.17(p).

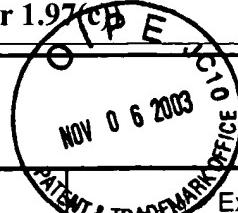
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**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**  
 (Under 37 CFR 1.97(b) or 1.97(c))

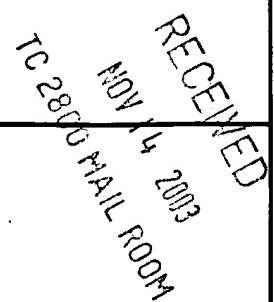
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**METHOD AND DEVICE FOR SIMULTANEOUSLY DETERMINING THE ADHESION, FRICTION,  
 OTHER MATERIAL PROPERTIES OF A SAMPLE SURFACE**



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(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

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**Substitute for form 1449A/PTO**

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

*(Use as many sheets as necessary)*

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<b>Complete if Known</b>	
Application Number	09/869,789
Filing Date	July 23, 2002
First Named Inventor	Hans-Ulrich Krotil et al.
Art Unit	2856
Examiner Name	Noland, Thomas
Attorney Docket Number	TIL0004

## **U. S. PATENT DOCUMENTS**

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## **FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
		EP 0 896 201 A1	02-10-1999	Muramatsu et al.		
		WO 00/40946	07-13-2000	Stifter et al.		

Examiner Signature		Date Considered	
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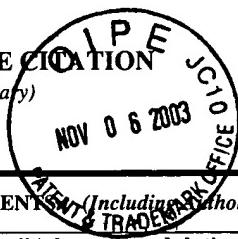
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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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## INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)



Docket Number (Optional)

TIL0004

Application Number

09/869,789

Applicant(s)

Hans-Ulrich Krotel et al.

Filing Date

July 23, 2002

Group Art Unit

2856

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INITIAL

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

T. Goddenhenrich et al., "A lateral modulation technique for simultaneous friction and topography measurements with the atomic force microscope", Rev. Sci. Instrum. 65 (9), September 1994, pp. 2870-2873.

S. Watanabe et al., "Two-directional dynamic mode force microscopy: Detection of directional force gradient", J. Vac. Sci. Technol. B 12(3), May/June 1994, pp. 1577-1580.

Kazushi Yamanaka et al., "Ultrasonic force microscopy for nanometer resolution subsurface imaging", Appl. Phys. Lett. 64 (2), 10 January 1994, pp. 178-180.

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